



TEST REPORT

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RT15-20260908S0535

Sample Received: 2026-09-08

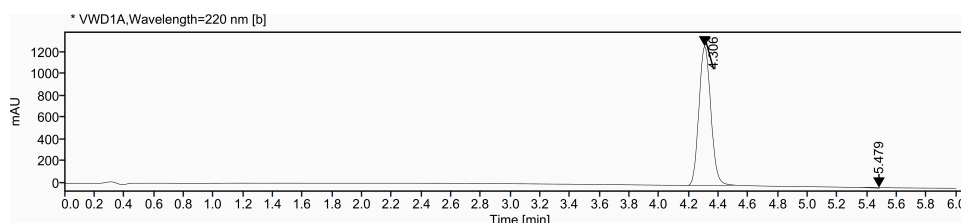
Authentication Code:

Analysis date: 2026-09-09



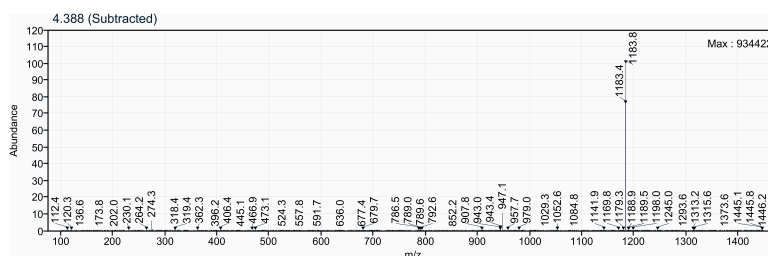
Compound	RT15/Retatrutide	CAS Number	2381089-83-2
Formula	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4731.41
Manufacturer	N/A		

HPLC-MS Details:



Signal: * VWD1A, Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.306	BM m	0.3378	7049.9718	1269.4383	99.6040
5.479	MM m	0.1580	28.0288	5.0738	0.3960
Sum			7078.0006		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.60%
Mass Spectrum	Conforms to [M+4H] ⁴⁺	Detected
Peptide Weight	16.62 mg	

Peng Gao

Zhibo Li

Peng Gao, Data Compilation

Zhibo Li, Technical Review

重要声明 / Important Notice

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LCMS Sample Purity - Detailed Report



Result set name: SingleSample

Data file: RT15.dx

Sample name: RT15

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

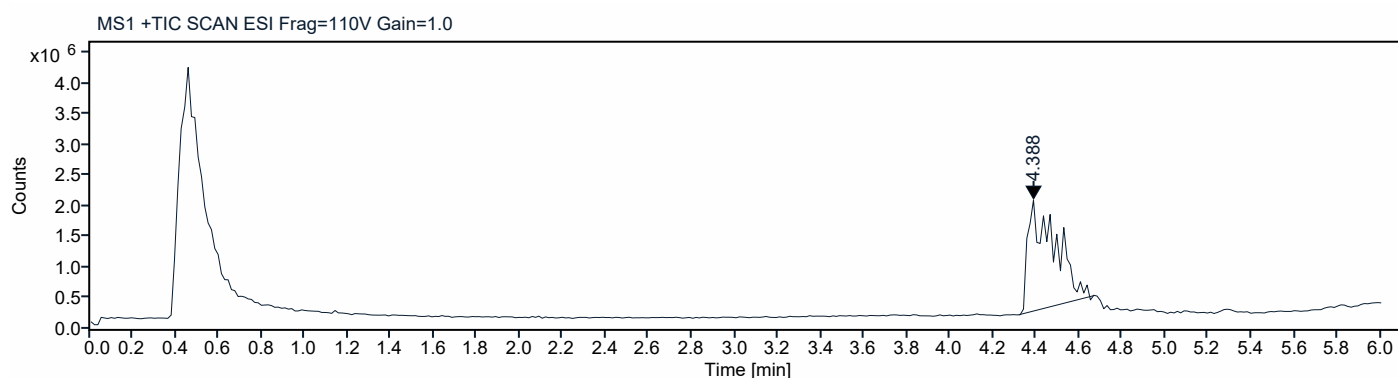
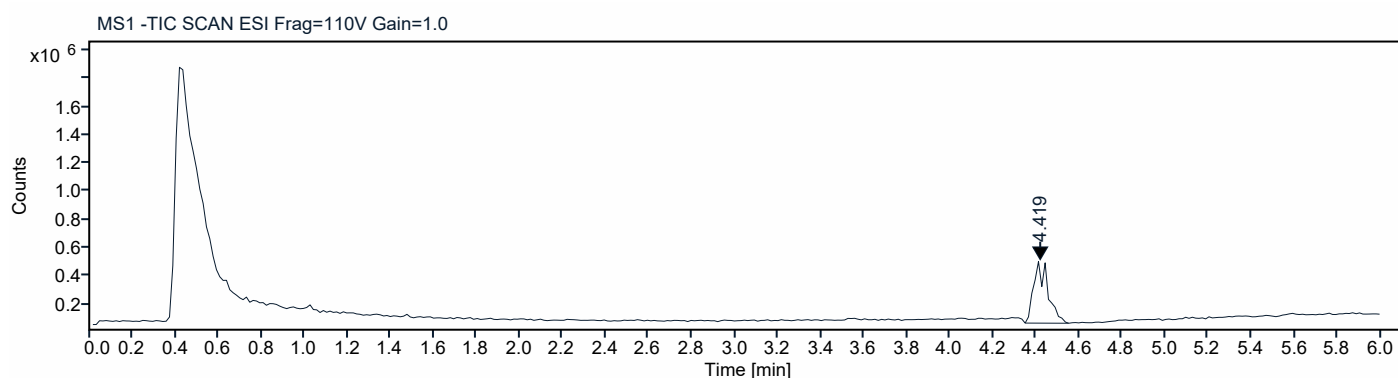
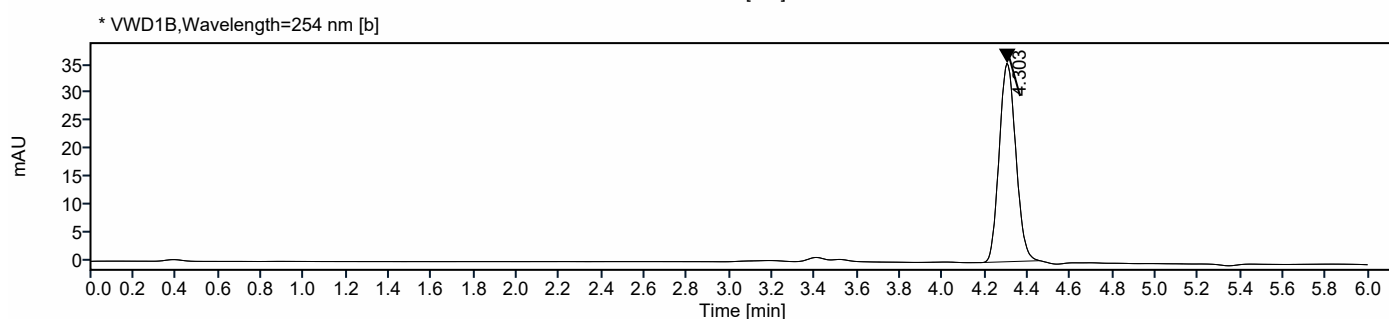
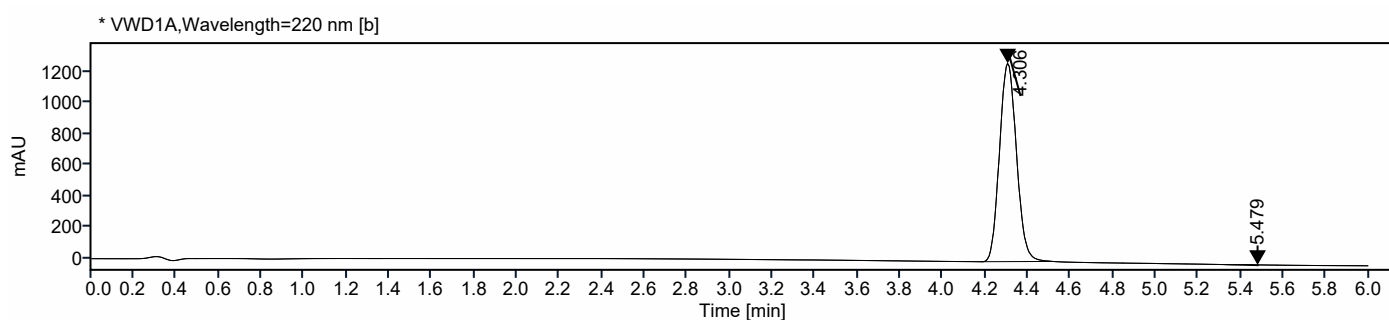
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-09 17:31:16+08:00

Location: P1-E2



Signal: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
4.388	MM m	0.3521	15555804.63 72	1818300.37 40	100.0000
Sum			15555804.63 72		

Signal: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
4.419	BB	0.2019	2051490.14 94	442183.3702	100.0000
Sum			2051490.14 94		

Signal: * VWD1A,Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.306	BM m	0.3378	7049.9718	1269.4383	99.6040
5.479	MM m	0.1580	28.0288	5.0738	0.3960
Sum			7078.0006		

Signal: * VWD1B,Wavelength=254 nm [b]

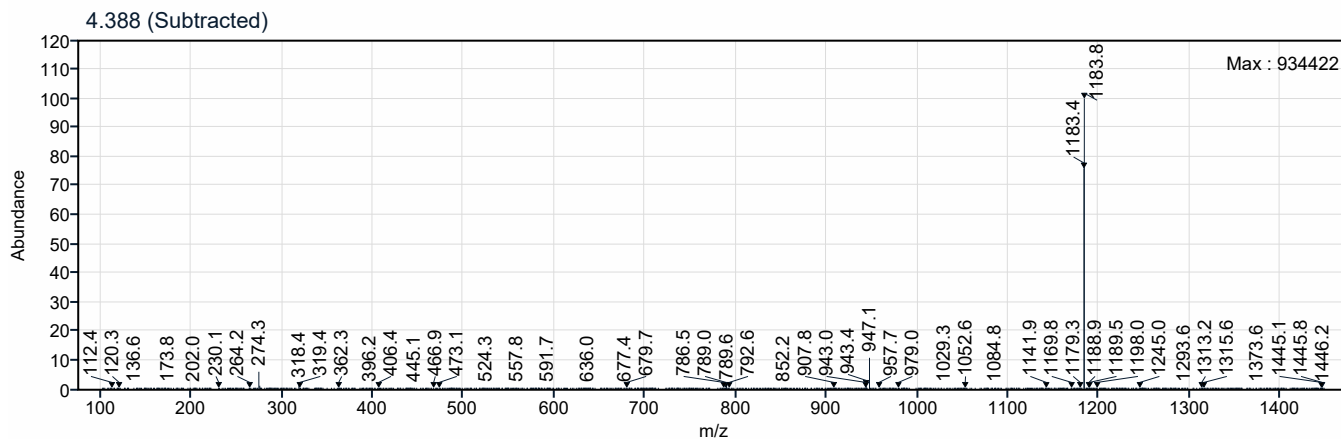
RT [min]	Type	Width [min]	Area	Height	Area%
4.303	MM m	0.2798	193.5560	35.6457	100.0000
Sum			193.5560		

Peak Details (Area Percent at least 1%)

Signal Description: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

Peak RT: 4.388 min

Area %: 100.00%



Signal Description: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

Peak RT: 4.419 min

Area %: 100.00%

